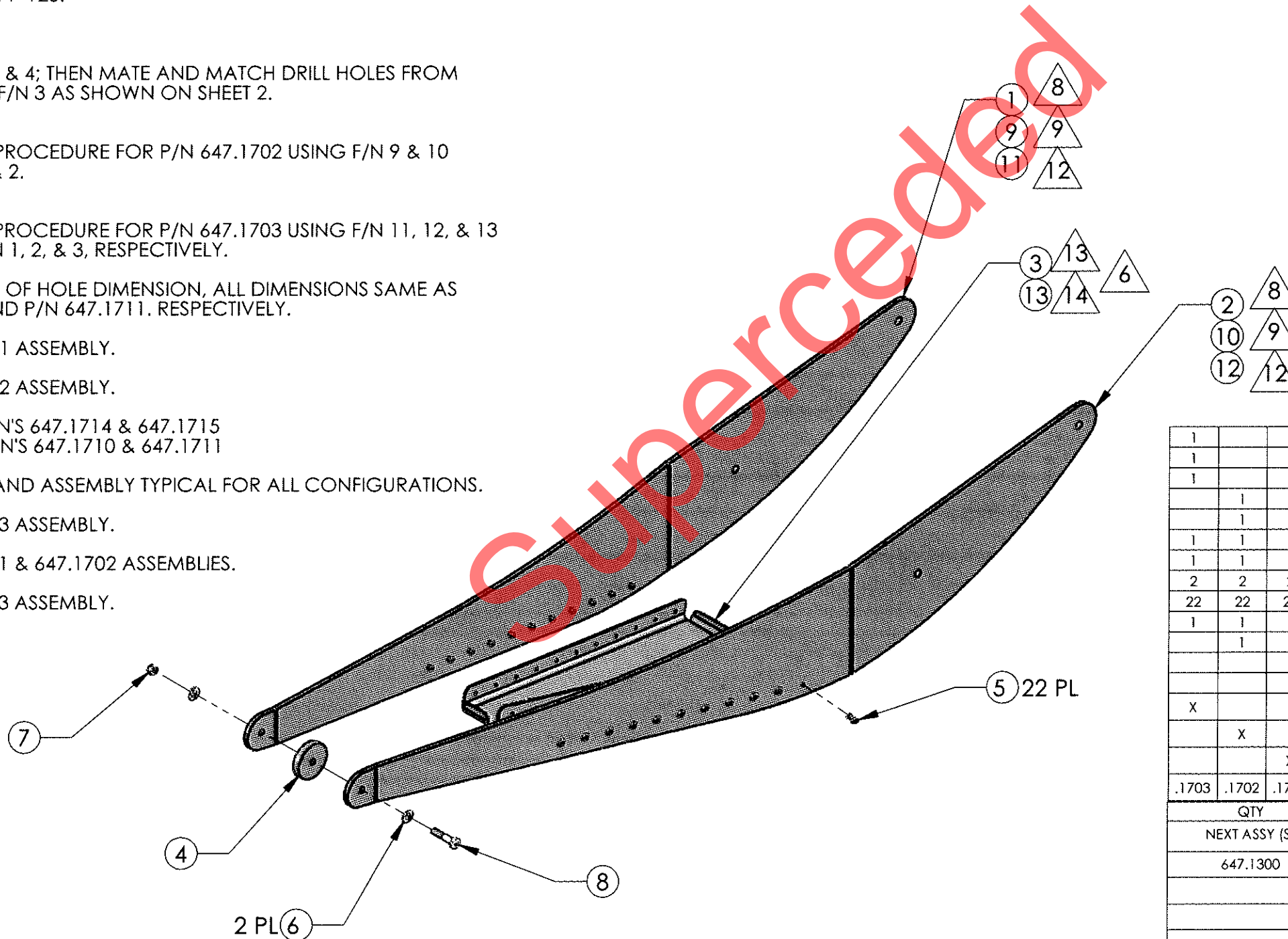


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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	LAST PROTOTYPE REVISION: PR2		N/C
N/C	INITIAL RELEASE	08/05/09	P. BRAVO
A	INCORPORATED ECN'S 02937 & 03921	06/07/13	P. BRAVO
B	INCORPORATED ECN 03970	07/03/13	P. BRAVO
C	INCORPORATED ECN 04058	08/14/13	P. BRAVO
D	INCORPORATED ECN'S 04679, 04702 & 04964	05/29/15	P. BRAVO

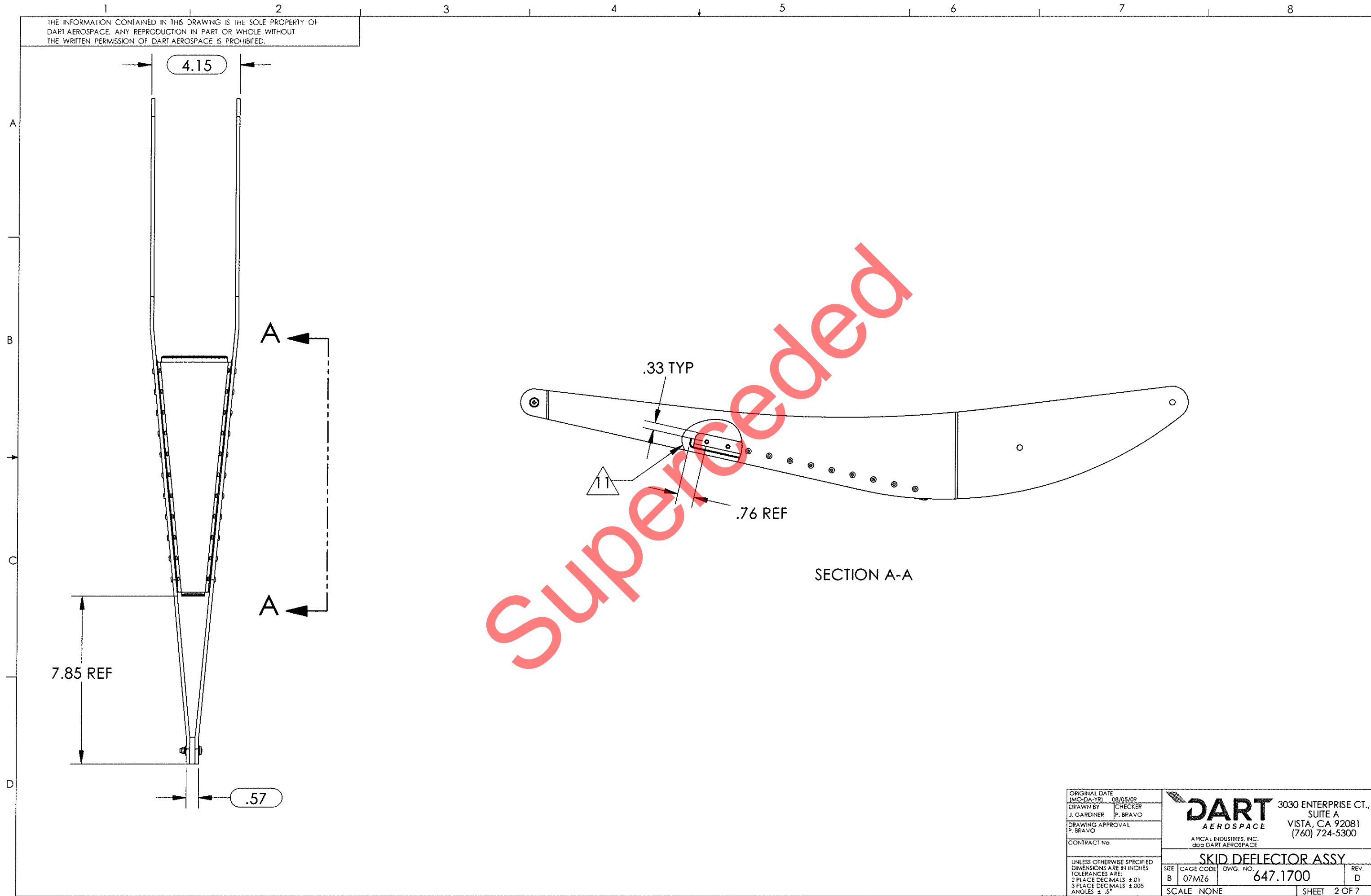
NOTES:

- 1 MATERIAL: 7075-T6 ALUMINUM PER AMS-QQ-A-250/12.
- 2 MATERIAL: 6061-T6 ALUMINUM BAR IAW AMS-QQ-A-250/11.
- 3 FINISH IAW MPP-172, SECTIONS 2.1, 3.1, & 4.2.
4. DEBURR AND BREAK ALL SHARP EDGES.
5. IDENTIFY IAW MPP-120.
- 6 P/N 647.1701:
CLAMP F/N 1, 2, & 4; THEN MATE AND MATCH DRILL HOLES FROM F/N 1 & 2 ONTO F/N 3 AS SHOWN ON SHEET 2.
- P/N 647.1702:
FOLLOW SAME PROCEDURE FOR P/N 647.1702 USING F/N 9 & 10 IN PLACE OF 1 & 2.
- P/N 647.1703:
FOLLOW SAME PROCEDURE FOR P/N 647.1703 USING F/N 11, 12, & 13 IN PLACE OF F/N 1, 2, & 3, RESPECTIVELY.
- 7 WITH EXCEPTION OF HOLE DIMENSION, ALL DIMENSIONS SAME AS P/N 647.1710 AND P/N 647.1711. RESPECTIVELY.
- 8 FOR P/N 647.1701 ASSEMBLY.
- 9 FOR P/N 647.1702 ASSEMBLY.
- 10 .323" DIA FOR P/N'S 647.1714 & 647.1715
.257" DIA FOR P/N'S 647.1710 & 647.1711
- 11 RIVET SPACING AND ASSEMBLY TYPICAL FOR ALL CONFIGURATIONS.
- 12 FOR P/N 647.1703 ASSEMBLY.
- 13 FOR P/N 647.1701 & 647.1702 ASSEMBLIES.
- 14 FOR P/N 647.1703 ASSEMBLY.



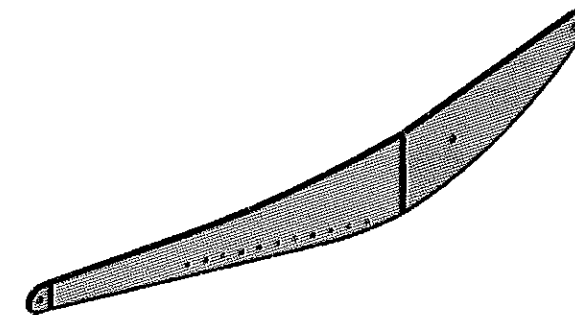
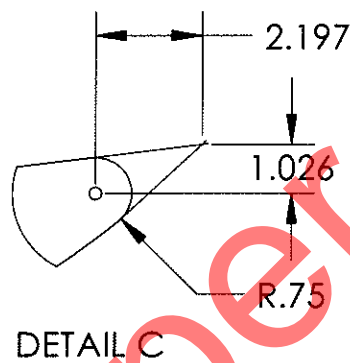
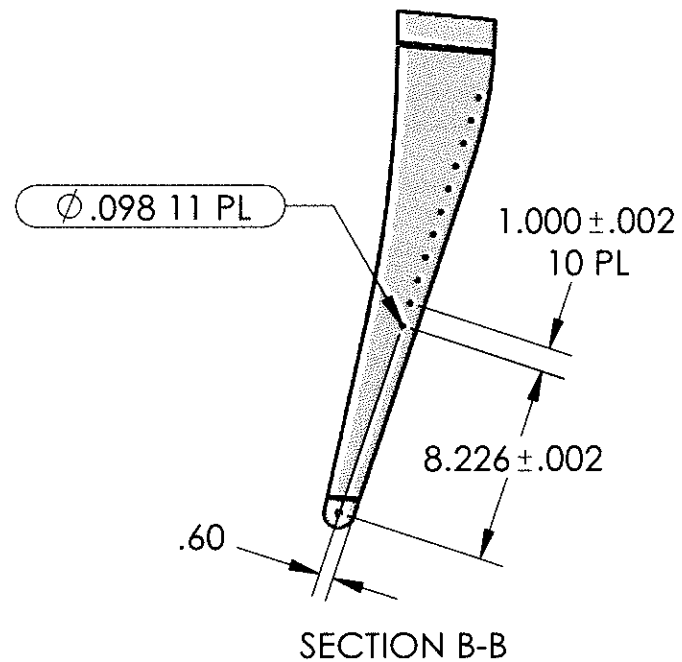
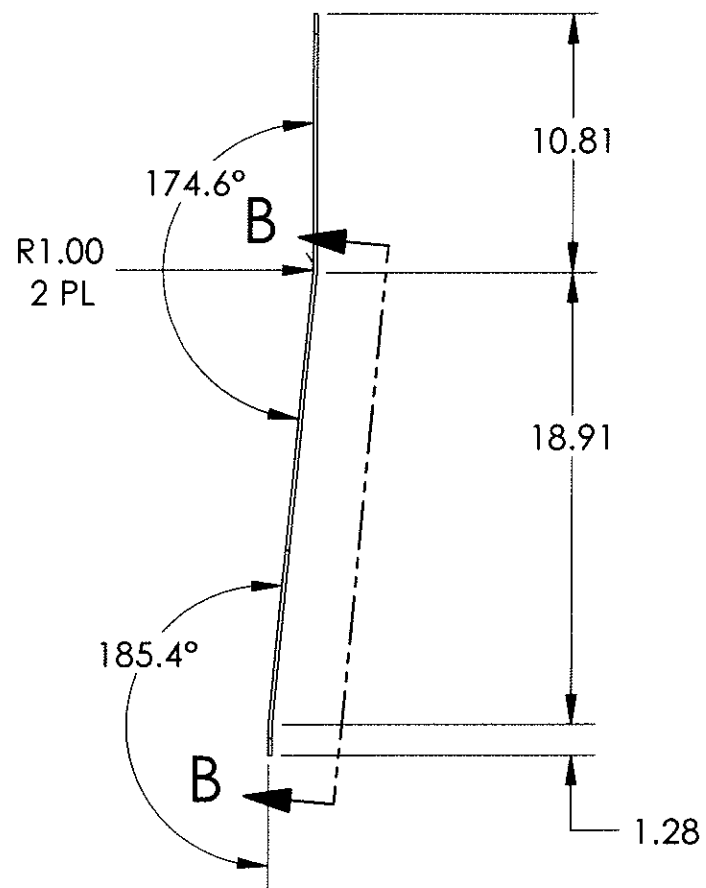
1			13	647.1718	GUSSET		
1			12	647.1717	PLATE		
1			11	647.1716	PLATE		
	1		10	647.1715	PLATE		
	1		9	647.1714	PLATE		
1	1	1	8	601.1622	SCREW	MS27039-1-14	
1	1	1	7	601.2943	LOCKNUT	MS21042-3	
2	2	2	6	601.1607	WASHER	NAS1149F0332P	
22	22	22	5	601.1915	RIVET	CR3213-4-4	
1	1	1	4	647.1713	SPACER		
	1	1	3	647.1712	GUSSET		
		1	2	647.1711	PLATE		
		1	1	647.1710	PLATE		
X				647.1703	SKID DEFLECTOR ASSY		
	X			647.1702	SKID DEFLECTOR ASSY		
		X		647.1701	SKID DEFLECTOR ASSY		
.1703	.1702	.1701	FIND #	PART #	DESCRIPTION	MAT'L	SPEC.
QTY				PARTS LIST			
NEXT ASSY (S)				ORIGINAL DATE (MO-DA-YR)			
647.1300				DRAWN BY J. GARDNER			
				CHECKER P. BRAVO			
				DRAWING APPROVAL P. BRAVO			
				08/05/09			
				CONTRACT NO.			
				UNLESS OTHERWISE SPECIFIED			
				DIMENSIONS ARE IN INCHES			
				TOLERANCES ARE:			
				2 PLACE DECIMALS ±.01			
				3 PLACE DECIMALS ±.005			
				ANGLES ± 5°			
				DART AEROSPACE			
				3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760) 724-5300			
				APICAL INDUSTRIES, INC. aka DART AEROSPACE			
				SKID DEFLECTOR ASSY			
				SIZE B CAGE CODE 07M26 DWG. NO. 647.1700 REV. D			
				SCALE NONE SHEET 1 OF 7			

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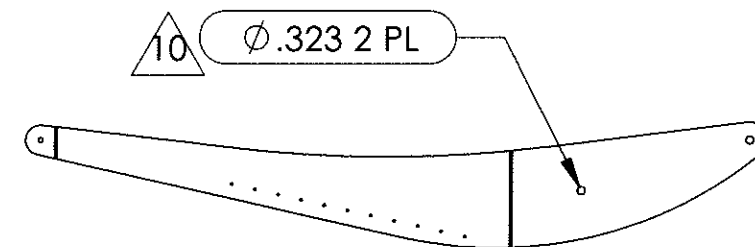


ORIGINAL DATE (MO-DA-YR) 08/05/09		DART 3030 ENTERPRISE CT., SUITE A VISTA, CA 92081 (760) 724-5300	
DRAWN BY J. GARDNER	CHECKER P. BRAVO		
DRAWING APPROVAL P. BRAVO		APICAL INDUSTRIES, INC. dba DART AEROSPACE	
CONTRACT No.		SKID DEFLECTOR ASSY	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°		SIZE B	REV. D
		CAGE CODE 07M26	DWG. NO. 647.1700
SCALE NONE		SHEET 2 OF 7	

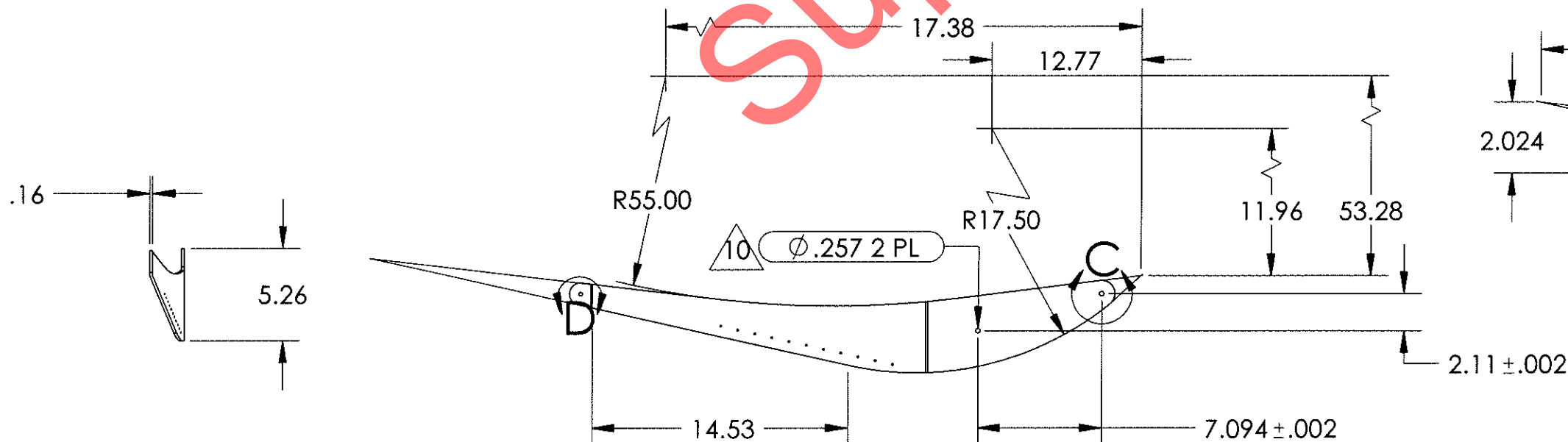
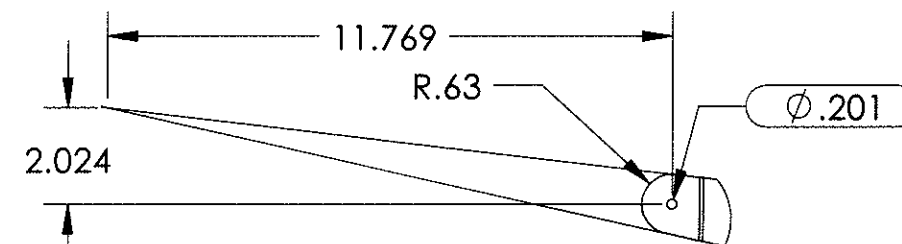
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647.1711 SHOWN
647.1710 OPPOSITE



647.1714 SHOWN
647.1715 OPPOSITE

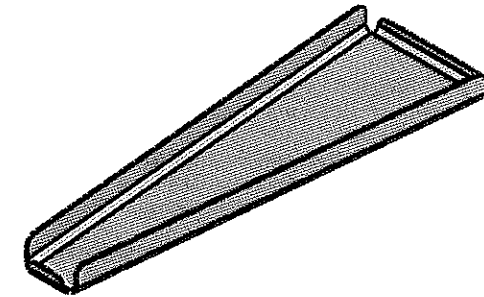
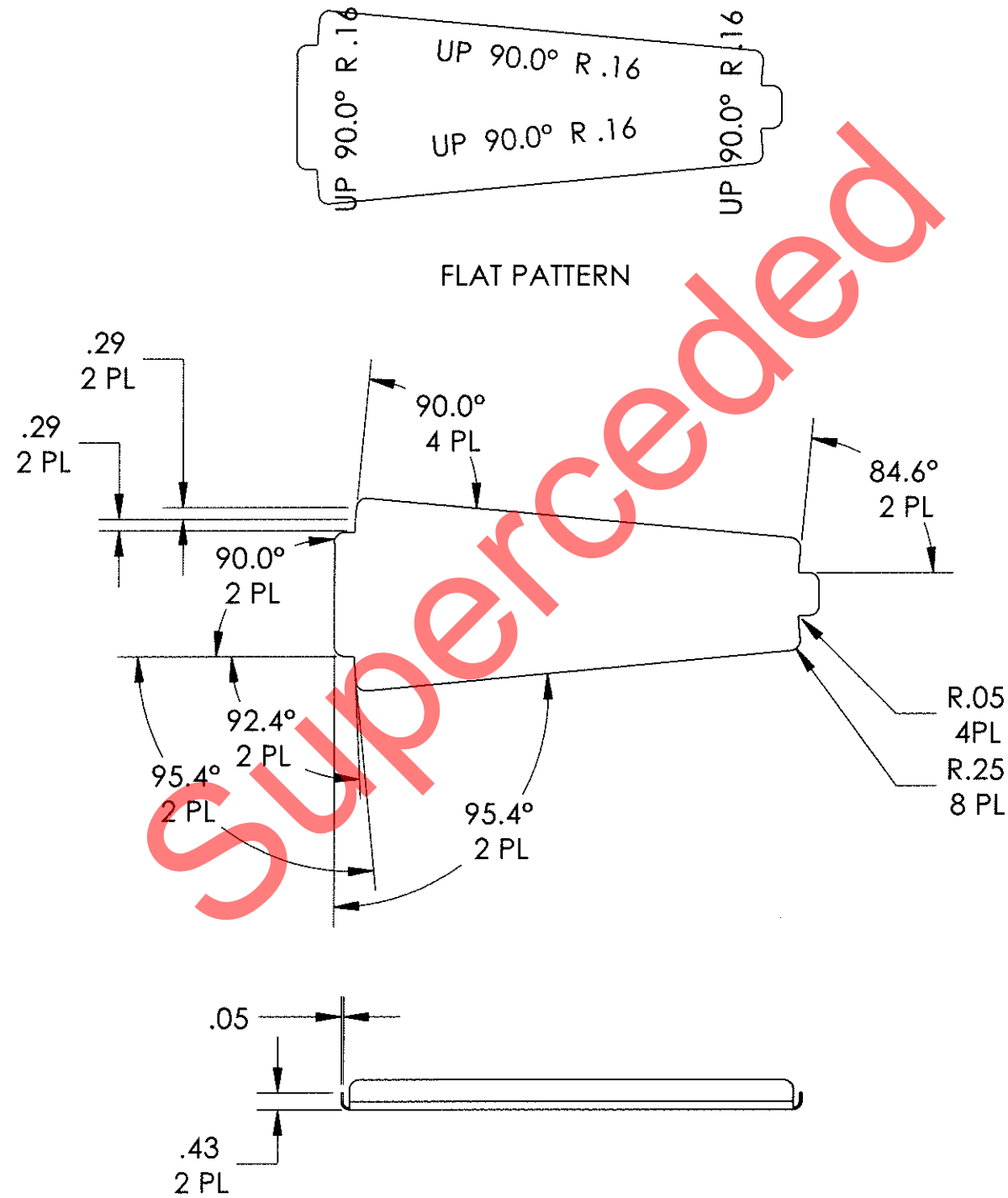
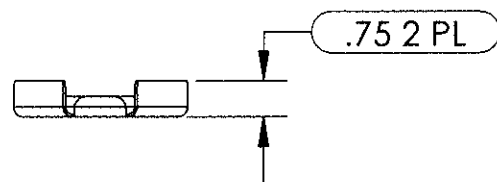
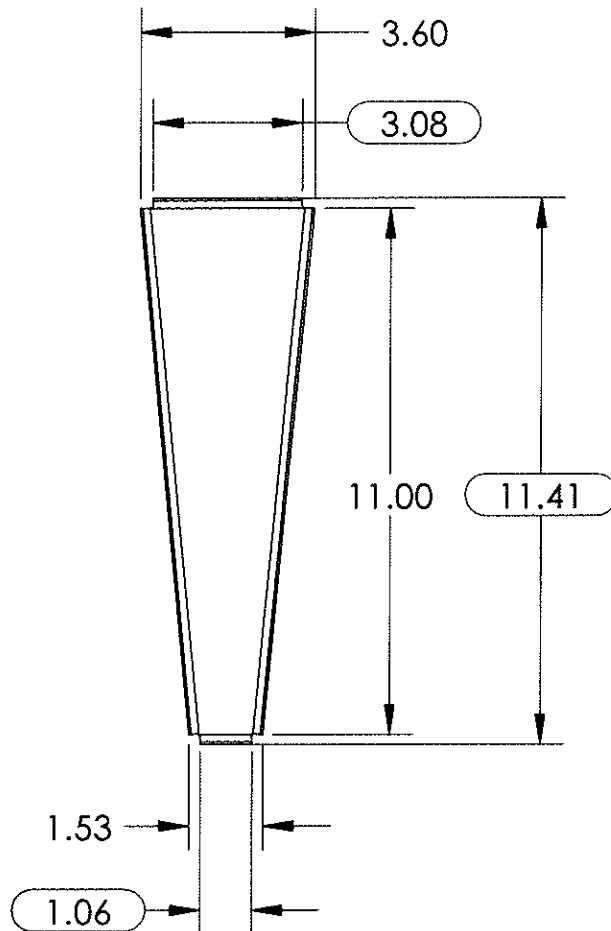


ORIGINAL DATE (MO-DA-YR) 08/05/09		DRAWN BY J. GARDNER		CHECKER P. BRAVO	
DRAWING APPROVAL P. BRAVO		CONTRACT NO.		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ± .01 3 PLACE DECIMALS ± .005 ANGLES ± .5°	
SIZE B		CAGE CODE 07MZ6		DWG. NO. 647.1700	
SCALE: NONE		SHEET 3 OF 7		REV. D	

DART AEROSPACE
3030 ENTERPRISE CT., SUITE A
VISTA, CA 92081
(760) 691-9108
APICAL INDUSTRIES, INC.
dba DART AEROSPACE

SKID DEFLECTOR ASSY

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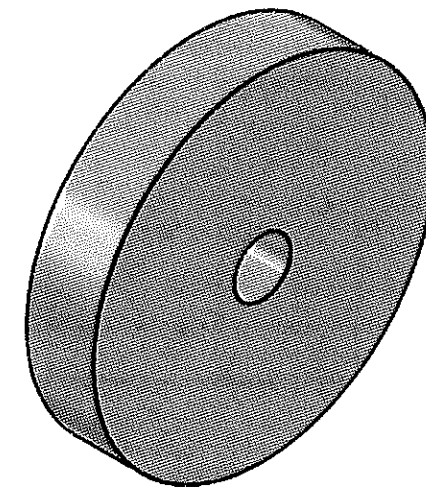
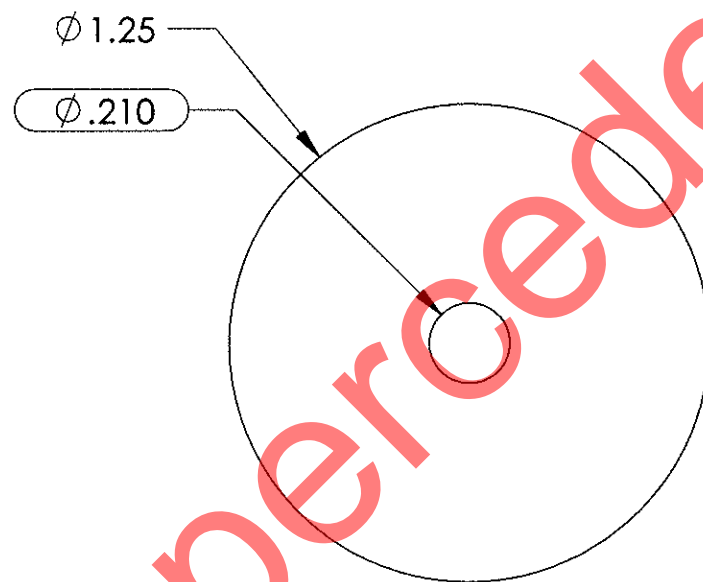
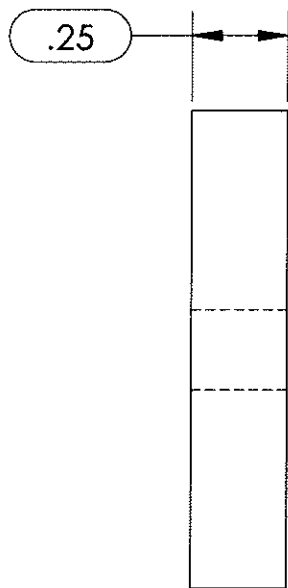
647.1712

ORIGINAL DATE (MO-DA-YR) 08/05/09		DRAWN BY J. GARDNER		CHECKER P. BRAVO	
DRAWING APPROVAL P. BRAVO		CONTRACT NO.			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°		SIZE B	CAGE CODE 07M26	DWG. NO. 647.1700	REV. D
SCALE NONE		SHEET 4 OF 7			

DART 3030 ENTERPRISE CT., SUITE A
AEROSPACE VISTA, CA. 92081
APICAL INDUSTRIES, INC. (760) 724-5300
dba DART AEROSPACE

SKID DEFLECTOR ASSY

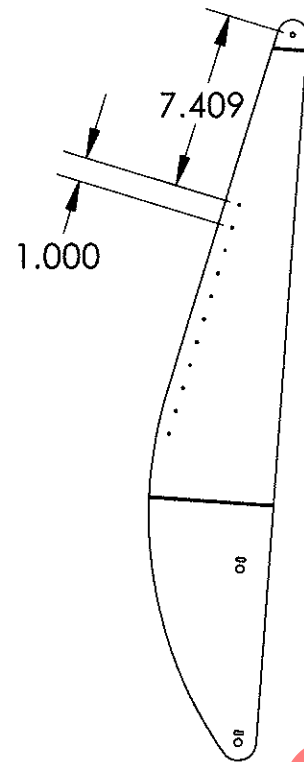
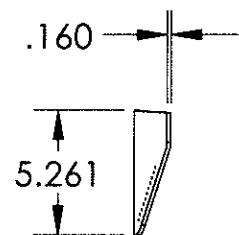
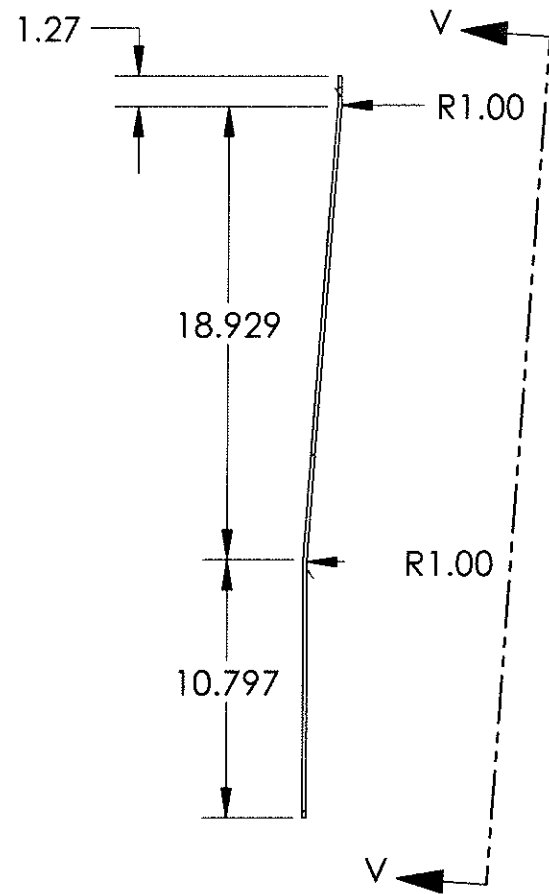
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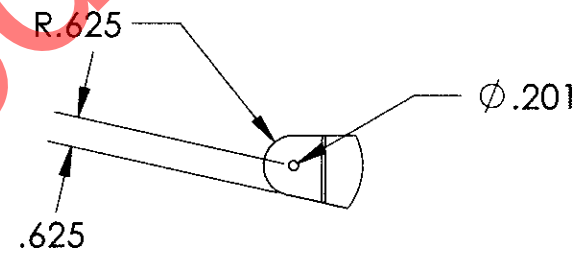
647.1713

ORIGINAL DATE (MO-DA-YR) 08/05/09	DART 3030 ENTERPRISE CT. AEROSPACE SUITE A VISTA, CA 92081 (760)724-5300		
DRAWN BY J. GARDNER	CHECKER P. BRAVO	APICAL INDUSTRIES, INC. dba DART AEROSPACE	
DRAWING APPROVAL P. BRAVO		SKID DEFLECTOR ASSY	
CONTRACT No.		SIZE B	REV. D
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°		CAGE CODE 07M26	DWG. NO. 647.1700
SCALE NONE		SHEET 5 OF 7	

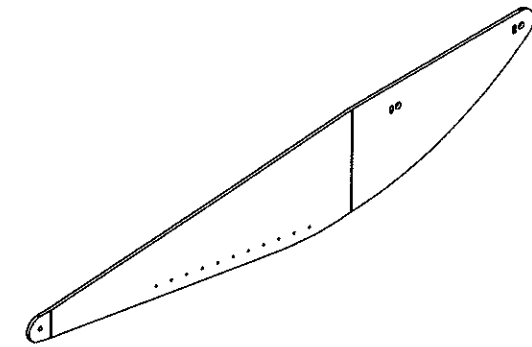
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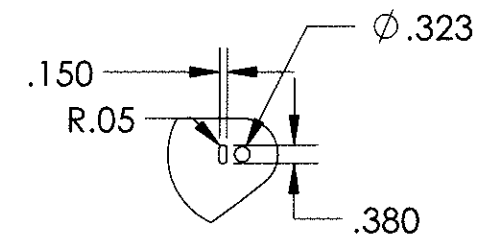
VIEW V-V



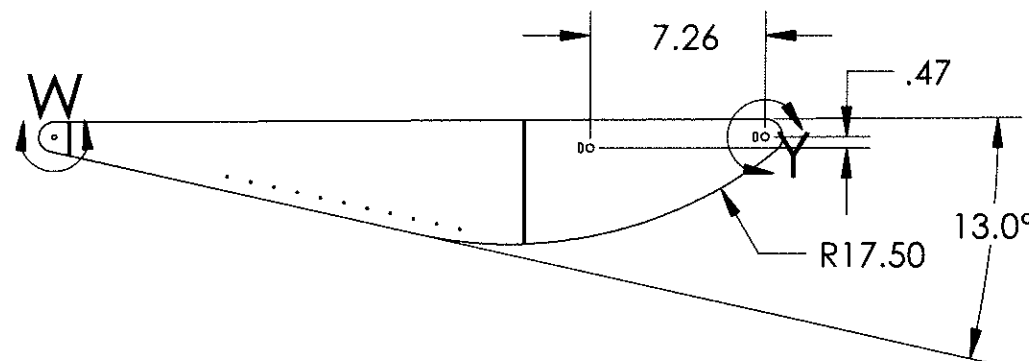
DETAIL W



647.1716 SHOWN
647.1717 OPPOSITE



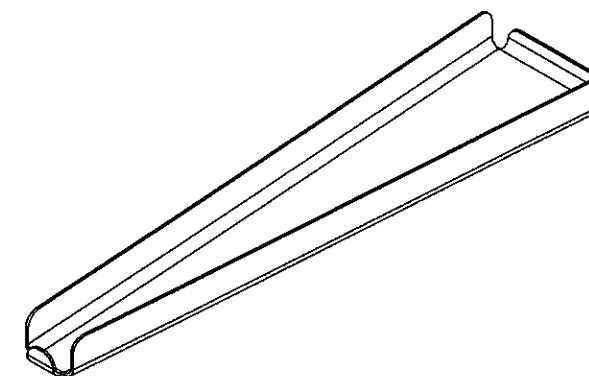
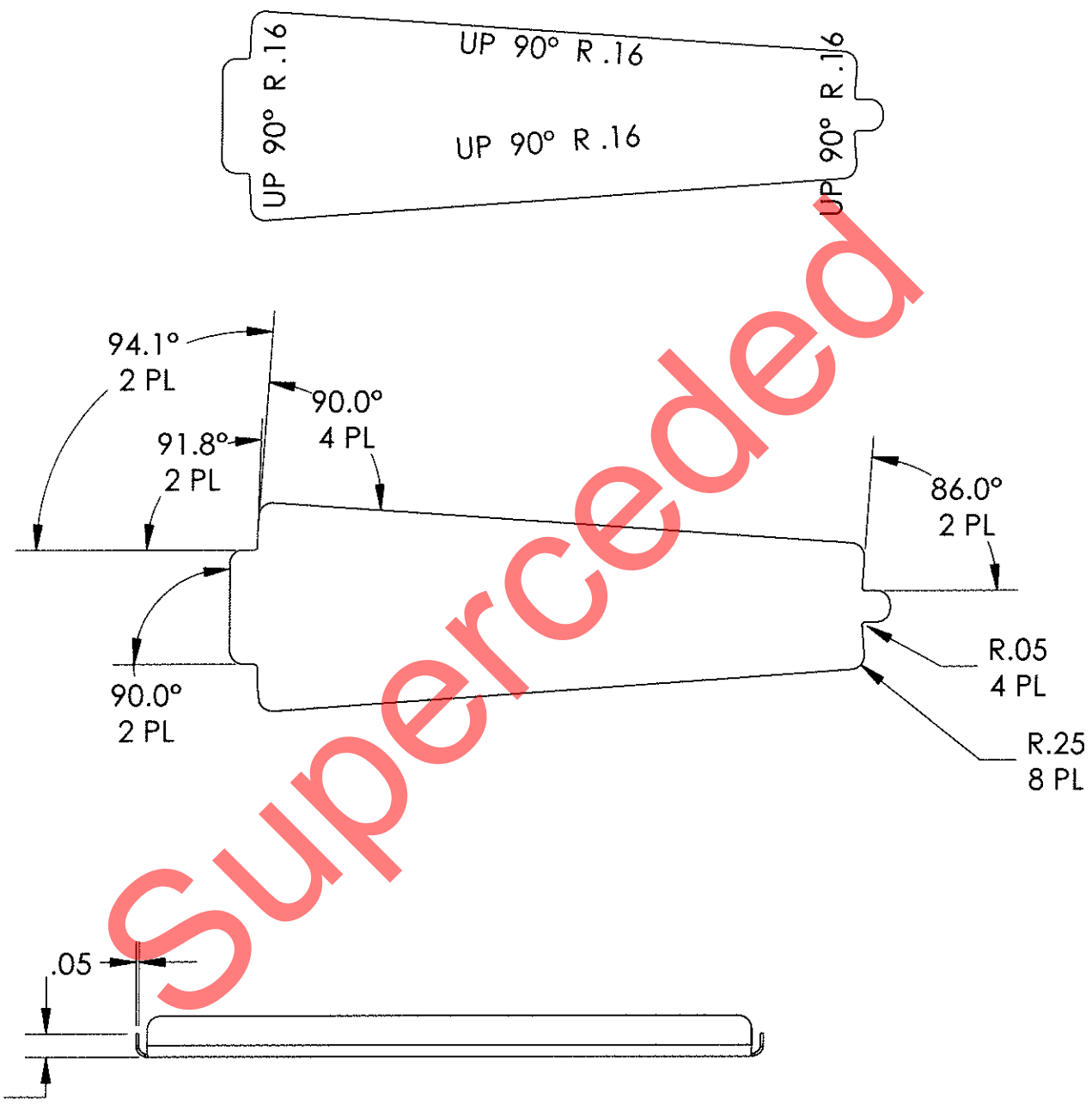
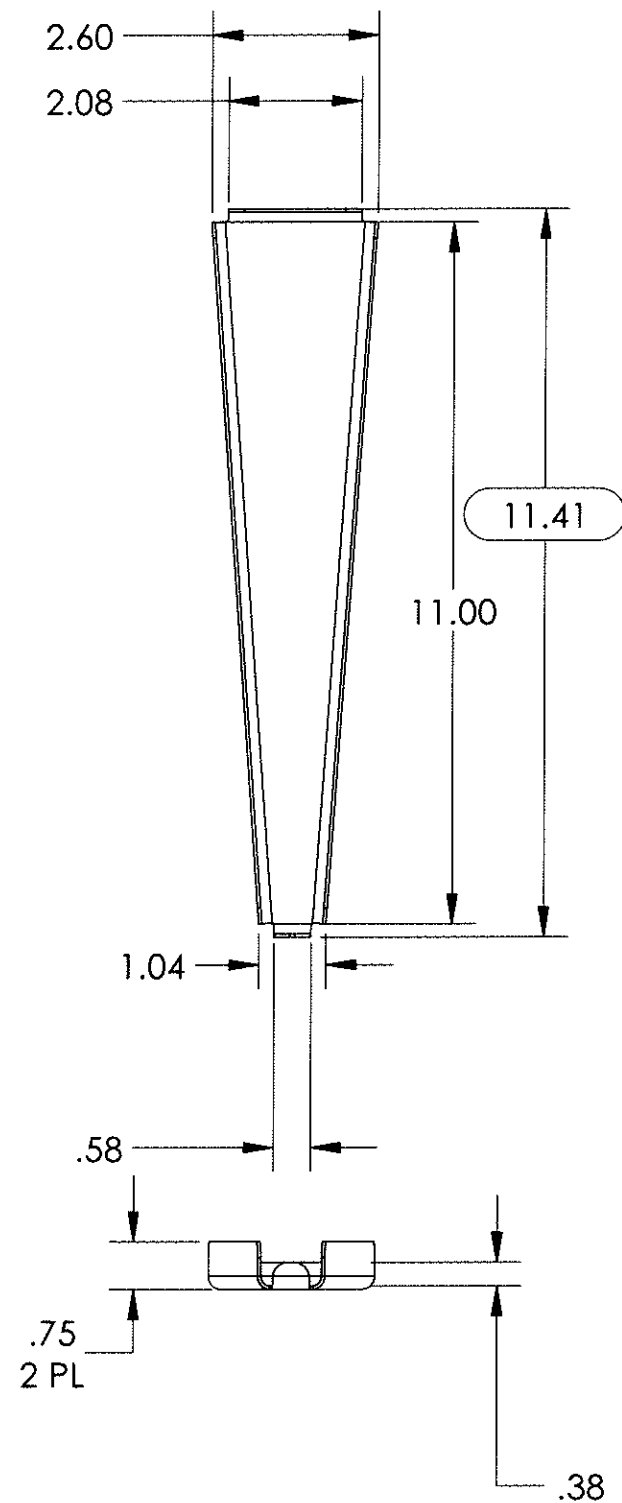
DETAIL Y
TYP 2 PL



ORIGINAL DATE (MO-DA-YR) 08-05-09		DART 3030 ENTERPRISE CT., SUITE A	
DRAWN BY S. HUFF		AEROSPACE VISTA, CA 91081 (760)724-5300	
CHECKER P. BRAVO		APICAL INDUSTRIES, INC. dba DART AEROSPACE	
DRAWING APPROVAL P. BRAVO 08-05-09		SKID DEFLECTOR ASSY	
CONTRACT NO.		SIZE B	REV. D
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°		CAGE CODE 07M26	DWG. NO. 647.1700
SCALE NONE		SHEET 6 OF 7	

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A
B
C
D



647.1718

ORIGINAL DATE (MM-DD-YY) 08-05-09		DART 3030 ENTERPRISE CT., SUITE A VISTA CA, 92081 (760)724-5300			
DRAWN BY S. HUFF	CHECKER P. BRAVO				
DRAWING APPROVAL P. BRAVO 08-05-09		APICAL INDUSTRIES, INC. dba DART AEROSPACE			
CONTRACT No.		SKID DEFLECTOR ASSY			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ± .5°		SIZE B	CAGE CODE 07MZ6	DWG. NO. 647.1700	REV. D
SCALE NONE		SHEET 7 OF 7			